

# Illicit Discharge Detection and Elimination



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# Agenda

Illicit discharge definition

Steps to success

Questions

# Illicit Discharge Defined

Any discharge to the municipal separate storm sewer system that is not composed entirely of storm water.

# Types of Illicit Discharges

Illegal connections to the storm drain system

Failing septic systems

Illegal dumping

Improper disposal of sewage from recreational practices such as boating or camping

# Illicit Discharge Exceptions

(As long as they do not result in degradation of water quality)

- Discharges allowed under a NPDES permit
- Waters used for firefighting operations
- Potable water line flushing
- Landscape irrigation,
- Water from foundation drains
- AC condensate

# Illicit Discharge Detection and Elimination

Four steps to success: (required for Phase II permit applicants)

1. Develop, implement and enforce a program to detect and eliminate illicit discharges.
- For Phase II this is defined at Sec. 122.26(b)(2) of the Federal Regulations

# Illicit Discharge Detection and Elimination

## 2. Develop storm sewer map

- Locations of outfalls
- Names and locations of receiving water bodies

## 3. Prohibit non-storm water discharges (ordinance)

## 4. Adopt enforcement procedures

# Summary: Illicit Discharge Detection and Elimination

Educate public about them

Find them

Outlaw them

Eliminate them



# Questions?

# Postscript

# Illicit Discharge Detection and Elimination

Your plan should include procedures for:

- Locating priority areas likely to have illicit discharges
- Tracing source of illicit discharges
- Removing source of discharges
- Program evaluation and assessment

# Illicit Discharge Detection and Elimination

You should visually screen outfalls during dry weather and conduct field tests of selected pollutants as part of the procedures for locating priority areas

# Illicit Discharge Elimination

Educate public, builders and plumbing contractors

Test and inspect sewer and stormwater lines and water quality

Re-plumb as needed

# Illicit Discharge Education

Stencil storm drains

Promote, publicize, and facilitate public reporting of illicit connections or discharges

Distribute outreach materials

# Illicit Discharge Resources

Find BMP Fact Sheets on illicit discharge detection and elimination at [www.epa.gov/npdes/menuofbmps/illicit.cfm](http://www.epa.gov/npdes/menuofbmps/illicit.cfm)

